



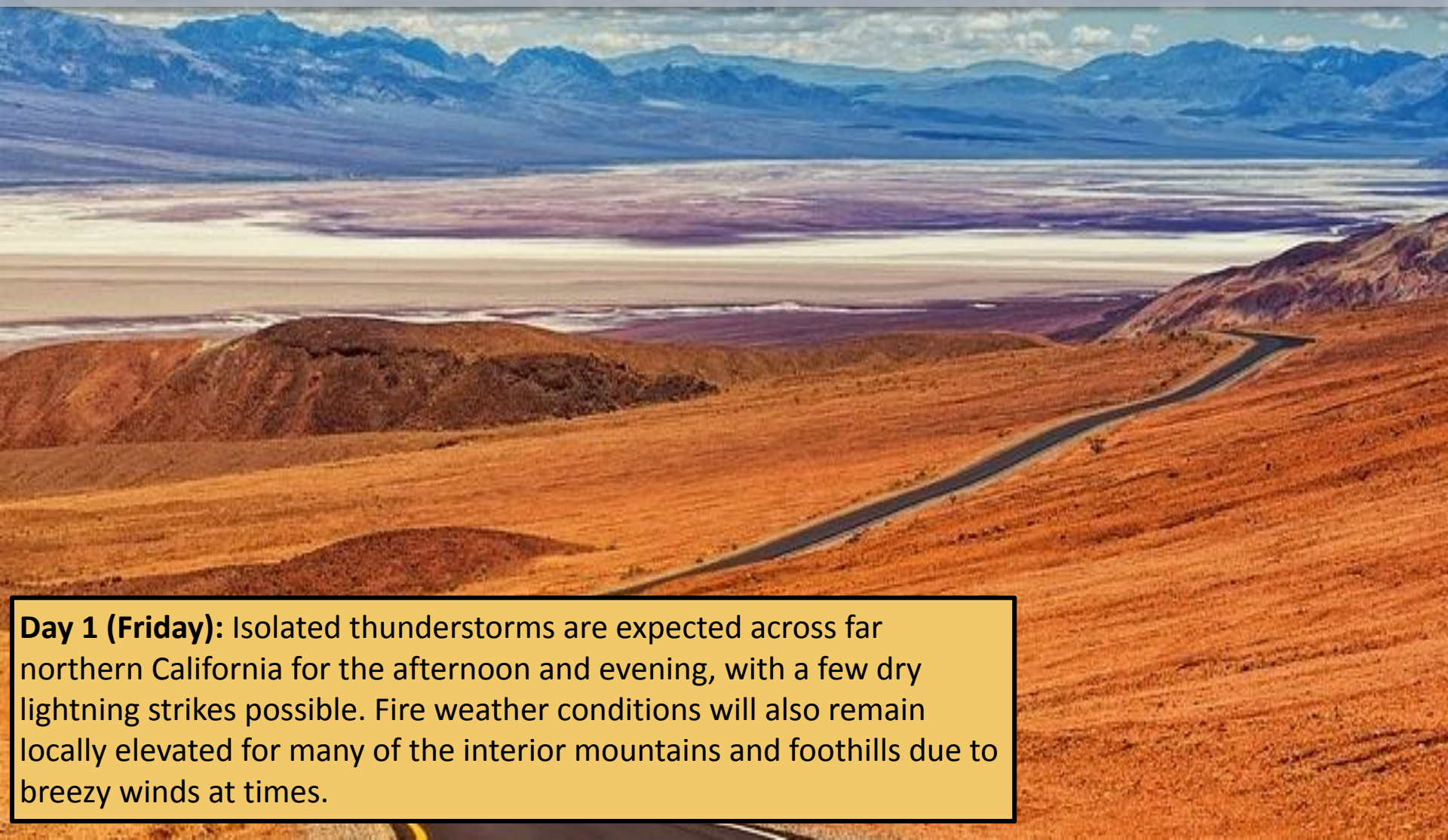
# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Friday, September 16



**Day 1 (Friday):** Isolated thunderstorms are expected across far northern California for the afternoon and evening, with a few dry lightning strikes possible. Fire weather conditions will also remain locally elevated for many of the interior mountains and foothills due to breezy winds at times.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Friday, September 16

	Fri, Sep 16	Sat, Sep 17	Sun, Sep 18	Mon, Sep 19	Tue, Sep 20	Wed, Sep 21	Thu, Sep 22
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Southern				
<b>Thunderstorms</b> Wind / Hail / Tornadoes	Inland (Northern Mtns)	Inland (Northern Mtns)	Inland/ Coastal	Inland/ Coastal	Inland	Inland (Sierra)	
<b>Heat</b>							
<b>Cold</b>							
<b>River Flooding</b>							
<b>Wind</b>							
<b>Heavy Rain</b> Flash Flooding / Debris Flow			Inland/ Coastal	Inland/ Coastal	Inland		
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>Risk Levels</b>	Little to None		Minor	Moderate		Major	Extreme



# Weather Key Points

Regional Operations Center

Western Region

Friday, September 16

- Cooler than normal conditions today, but will have some locally elevated Fire weather conditions across the southern mountains and foothills and the Sierra Friday due to breezy winds gusting up to 20-30 mph
  - A few thunderstorms are also possible across far northern California on Friday afternoon and early evening, bringing a threat for some lightning
    - Trinity Alps to Mount Shasta to near Medicine Lake
    - Southeast Lake County
  - Light to moderate rainfall amounts expected, with no concerns for burn scars in these areas Friday
- Gusty winds of 20-25 mph ahead of the rainfall with the next storm system will slightly increase fire weather concerns Saturday, especially over the Sierra
- Widespread rainfall is expected for northern California and the Central Coast this weekend into early next week (widespread 90%+ probabilities for at least 0.25" Saturday night-Tuesday)
  - Greatest rainfall amounts in the North Bay areas with 1 to 3 inches Saturday evening through Tuesday, with highest amounts Sunday into Monday
  - Coastal Mountain ranges like the Santa Cruz and Santa Lucia's generally 1 to 2 inches of rainfall expected Saturday evening through Tuesday
  - Some light snow is also possible above about 8500 feet above sea level over the high Sierra Sunday through Wednesday, though no significant accumulation is expected at this time





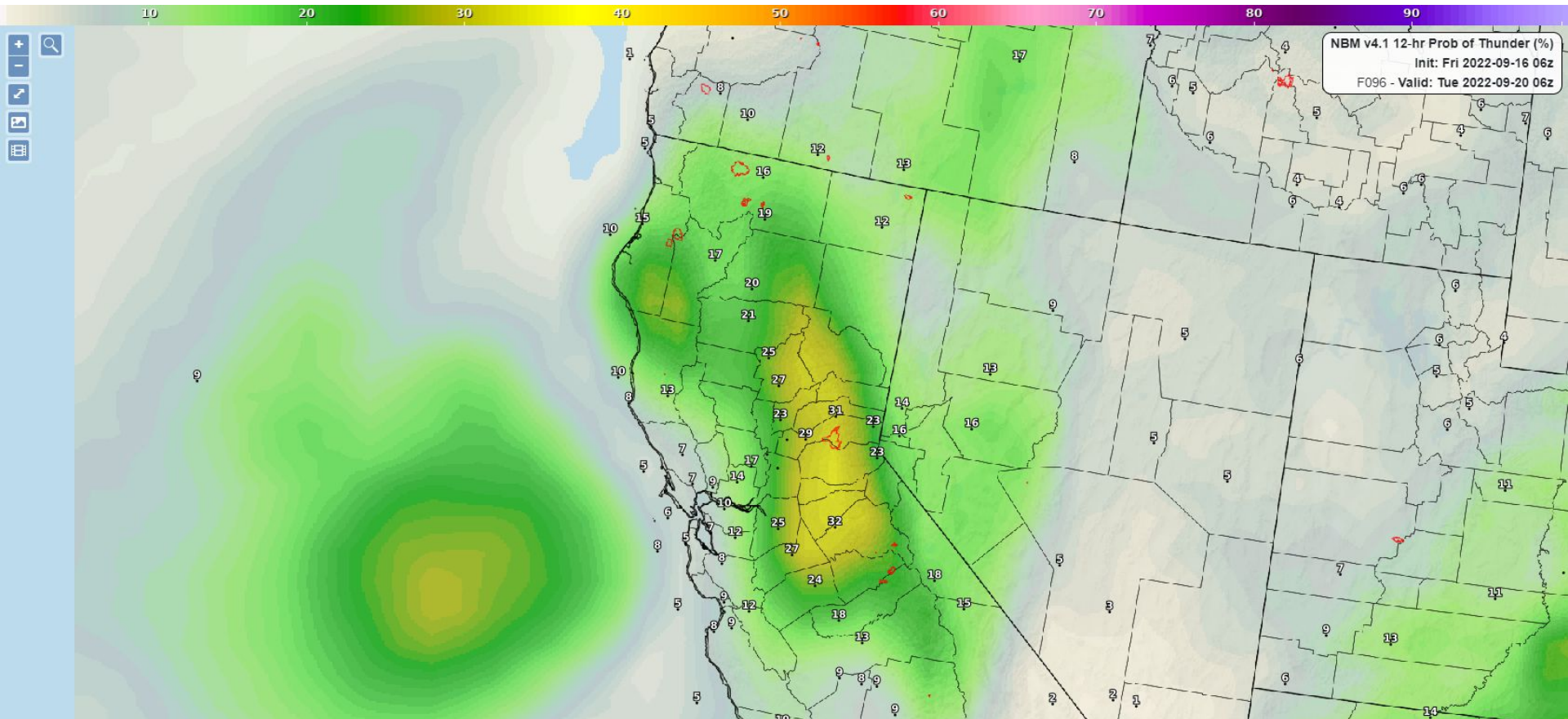
# Weather Key Points

Regional Operations Center

Western Region

Friday, September 16

- Thunderstorm threats increase across northern California Monday and Monday night, with increasing concerns about potential for heavier rainfall rates on Sierra burn scars, but confidence is still low at this point



Graphic shows the chances for thunderstorms Monday into Monday evening, overlaid on the current active fire perimeters.



# Precipitation Forecast

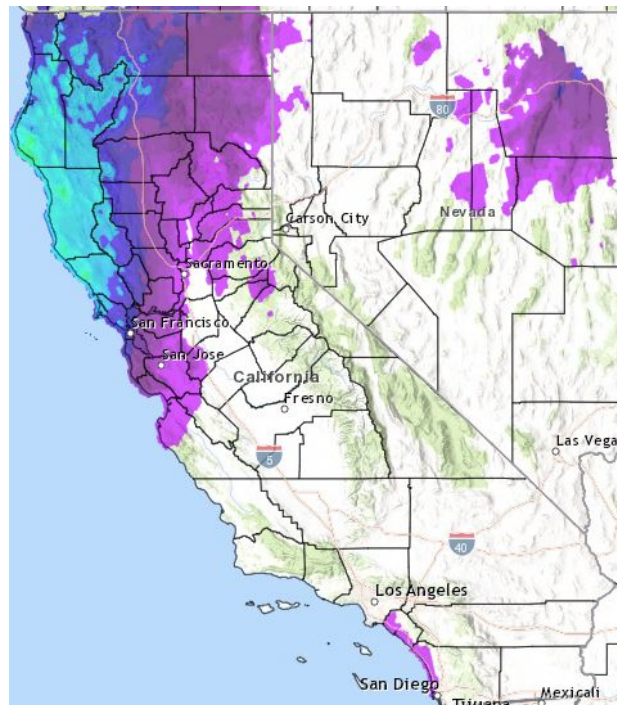
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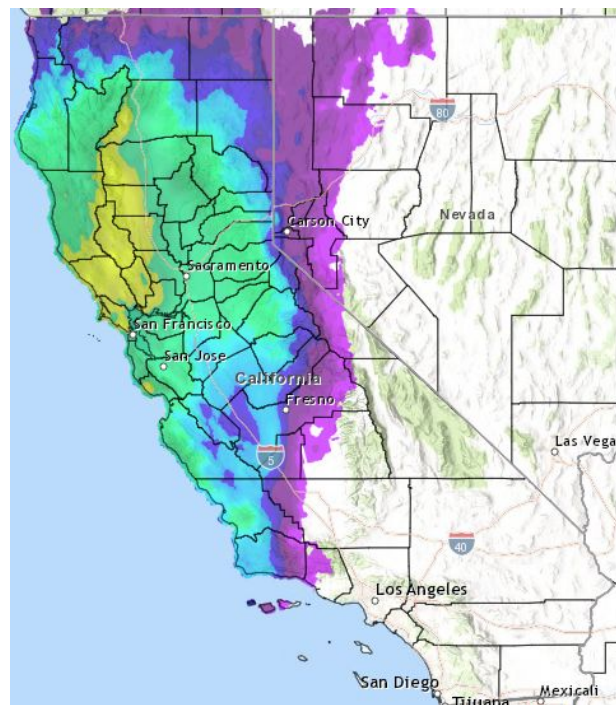
Friday, September 16



Friday



Saturday



Sunday

**Important Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)

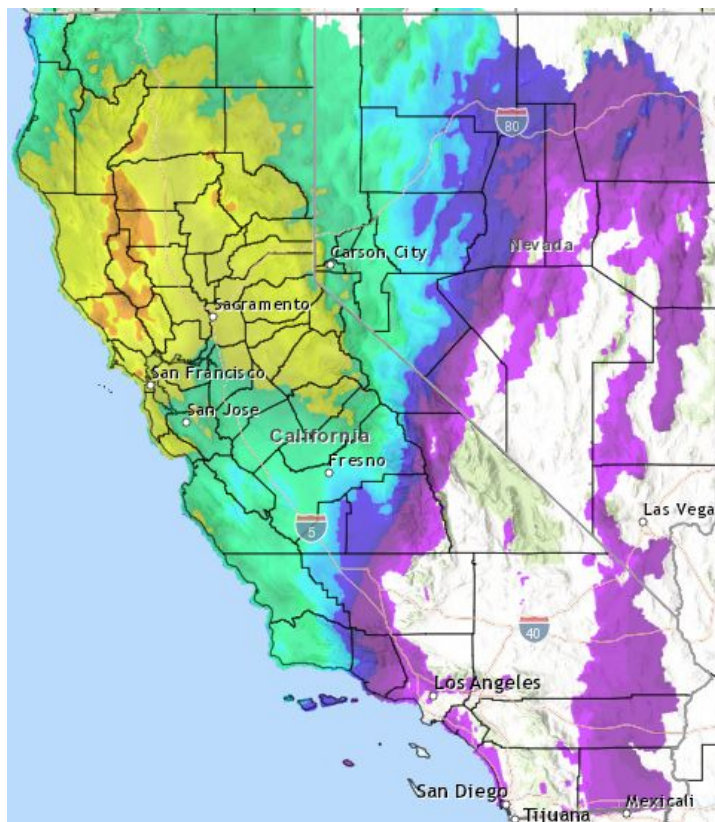






# Total Precipitation Forecast

Regional Operations Center  
Western Region  
Friday, September 16



## Friday through Wednesday

**Important Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

### Precipitation (inches)





# Weather Outlook (6-14 Days)

Regional Operations Center

Western Region

Friday, September 16

## **6-10 Day Outlook (September 21 – September 25)**

### **Temperatures**

- Above normal temperatures are favored across coastal areas, with near normal to below normal temperatures favored for interior locations

### **Precipitation**

- Near normal precipitation is favored across most of the state

## **8-14 Day Outlook (September 23 – September 29)**

### **Temperatures**

- Above normal temperatures are strongly favored statewide

### **Precipitation**

- Below normal precipitation is favored for northern California, with near normal precipitation favored for the southern half of the state



# Risk Assessment Matrix

Regional Operations Center

Western Region

Friday, September 16

## Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

